

2000-051224/04 M22 TSNI= 1997.08.11
 TSNIIOLOVO STOCK CO *RU 2116164-C1
 1997.08.11 1997-113967(+1997RU-113967) (1998.07.27) B22F 9/14
Method of preparing metal powder
 C2000-013124
 Addnl. Data: BUDANOV A M, ZNONKOV YU F, KOTLER N I

M(22-H1)

NOVELTY

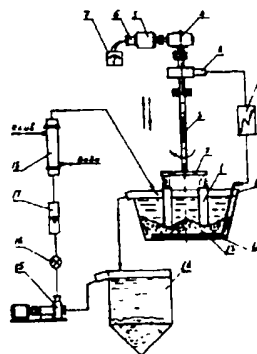
Microarcs are incited between mobile and stationary electrodes made of the same material, e.g. of tin or lead, or their alloy, placed in dielectric liquid. Powder formed upon their friction is removed by dielectric liquid stream. Varying liquid flow rate allows controlling granulometric composition of formed particles, which are removed into settler and then dehydrated. As dielectric liquid, distilled water is used.

USE

Metal powders.

ADVANTAGE

Simplified procedure due to elimination of vibration and isolation of desired powder fractions with no sizing. 6 cl, 1 dwgt



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